FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Westlake Longview Corporation

AUTHORIZING THE OPERATION OF
Westlake Longview Corporation
P1 Polyethylene No. 1/Epolene
Plastics Materials

LOCATED AT
Harrison County, Texas
Latitude 32° 26' 23" Longitude 94° 41' 21"
Regulated Entity Number: RN105138721

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1983 Issuance Date: _____

_____
For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:

    A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

    B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

    C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart FFFF as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.890 which incorporates the 40 CFR Part 63 Subpart by reference.

F. Emission units subject to 40 CFR Part 63, Subpart HHHHH as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1170 which incorporates the 40 CFR Part 63 Subpart by reference.

G. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1 , shall not exceed 20% opacity averaged

over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent

during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with

30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

  (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A)

  (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that

the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with

the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 61.05 (relating to Prohibited Activities)

B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)

C. Title 40 CFR § 61.09 (relating to Notification of Start-up)

D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)

E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)

F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)

G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)

H. Title 40 CFR § 61.15 (relating to Modification)

I. Title 40 CFR § 61.19 (relating to Circumvention)

6. For facilities where total annual benzene quantity from waste is less than 1 megagram per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:

A. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(5)(i) - (ii), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures

B. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)

C. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)

D. Title 40 CFR § 61.357(a), and (b) (relating to Reporting Requirements)

7. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

8. For miscellaneous chemical process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.2485, Table 7, the permit holder shall comply with the requirements of 40 CFR § 63.105 (relating to Maintenance Wastewater

Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).

9. For miscellaneous chemical process facilities with Group 2 wastewater streams subject to wastewater operations requirements in 40 CFR Part 63, Subpart FFFF, the permit holder shall comply with the requirements of 40 CFR § 63.132(a), (a)(1), (a)(1)(i), and (a)(3) as specified in § 63.2485(a) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).

10. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

11. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

12. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

    A. Are incorporated by reference into this permit as applicable requirements

    B. Shall be located with this operating permit

    C. Are not eligible for a permit shield

13. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

14. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

15. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

16. Use of Discrete Emission Credits to comply with the applicable requirements:

    A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

        (i) Title 30 TAC Chapter 115

        (ii) Title 30 TAC Chapter 117

        (iii) If applicable, offsets for Title 30 TAC Chapter 116

        (iv) Temporarily exceed state NSR permit allowables

    B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

        (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

        (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

(iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

17. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

18. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:

A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

B. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

Permit Location

19. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

20. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional

terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Note: A "none" entry may be noted for some emission sources in this permit's "Applicable Requirements Summary" under the heading of "Monitoring and Testing Requirements" and/or "Recordkeeping Requirements" and/or "Reporting Requirements." Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
DG-1	SRIC Engines	N/A	60IIII-0001	40 CFR Part 60, Subpart IIII	No changing attributes.
DG-1	SRIC Engines	N/A	63ZZZZ-001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
EB025E108	Emission Points/Stationary Vents/Process Vents	N/A	R1111-0002	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EB025E108	Emission Points/Stationary Vents/Process Vents	N/A	63FFFF-0006	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB025F160	Emission Points/Stationary Vents/Process Vents	N/A	R1111-0002	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EB025T122	Emission Points/Stationary Vents/Process Vents	N/A	R1111-0002	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EB025T122	Emission Points/Stationary Vents/Process Vents	N/A	63FFFF-0006	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB065G229	Emission Points/Stationary Vents/Process Vents	N/A	R1111-002	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EB065G229	Emission Points/Stationary Vents/Process Vents	N/A	63FFFF-0006	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB093FG1	Fugitive Emission Units	N/A	60HHHHH-0003	40 CFR Part 63, Subpart HHHHH	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EB093T705	Storage Tanks/Vessels	N/A	63HHHHH-0007	40 CFR Part 63, Subpart HHHHH	No changing attributes.
EB093T719	Storage Tanks/Vessels	N/A	63HHHHH-0007	40 CFR Part 63, Subpart HHHHH	No changing attributes.
EB093T808	Storage Tanks/Vessels	N/A	63HHHHH-0007	40 CFR Part 63, Subpart HHHHH	No changing attributes.
EB093WW1	Storage Tanks/Vessels	N/A	63HHHHH-0004	40 CFR Part 63, Subpart HHHHH	No changing attributes.
EBF025FG2	Fugitive Emission Units	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
GRPENGINES	Emission Points/Stationary Vents/Process Vents	PE012C1CE, PE012C2AE, PE012C2BE, PE013C1DE, PE013C1EE, PE013C1FE, PE013C1GE, PE013C2CE, PE013C2DE, PE013C2EE, PE013C7AE, PE013C7BE, PE063C5AE, PE063C5BE	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPEPBINSA	Emission Points/Stationary Vents/Process Vents	EB025D1, EB025D10, EB025D13, EB025D14, EB025D15, EB025D16, EB025D2, EB025D21, EB025D22, EB025D23, EB025D24, EB025D25, EB025D3, EB025D30, EB025D31, EB025D32, EB025D33, EB025D34, EB025D35, EB025D4, EB025D40, EB025D5, EB025D6, EB025D7, EB025D8, EB025F113, EB025MU10, EB025RS19, EB065GRAN, EB065LR1	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPEPBINSB	Emission Points/Stationary Vents/Process Vents	EB025D103, EB025D103S, EB025D104, EB025D803, EB025D803B, EB025RS23, EB065BER, EB065D801, EB065D802, EB065FG5, EB065RS18, EB093F710,	R1111-0002	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		EB093FG6, EB093FG7, EB093H701, EB093LT1, EB093RS702			
GRPPE1BIN2	Emission Points/Stationary Vents/Process Vents	PE025BD13, PE025BD14, PE025BD22, PE025BD23, PE025BD24, PE025BD25, PE025BD29, PE025BD30, PE025BD31, PE025BD32, PE025BD33, PE025BD34, PE025BD35, PE025BD4, PE025BD5, PE025BD6, PE025BD7, PE025BD8, PE025BD9, PE025LR2B2, PE025ST13A, PE065BH228, PE065D600, PE065D601, PE065D602, PE065D603, PE065D604, PE065D605, PE065D606, PE065D607, PE065D608, PE065D609, PE065D610, PE065D611, PE065D612, PE065D613, PE065D614, PE065D615, PE065D616, PE065D617, PE065D618, PE065D630, PE065D631, PE065D632, PE065LR2C1, PE065LR302, PE065LR3D2	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPPE1BINS	Emission Points/Stationary Vents/Process Vents	PE012BH233, PE012BH337, PE012CV1, PE012D100, PE012D101, PE012D102, PE012D103, PE012D104, PE012D105, PE012D350, PE012D351, PE012D352, PE012D353, PE012D360, PE012D361, PE012D362, PE012D370, PE012D371, PE012D380, PE012D381, PE012D382, PE012D383, PE012D384, PE012D385, PE012D66, PE012D67, PE012D68, PE012D69, PE012D70, PE012D71, PE012D73, PE012D74, PE012D75, PE012D76, PE012D77, PE012D78, PE012D79, PE012D80, PE012D81, PE012D82, PE012D83, PE012D84,	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PE012D85, PE012D86, PE012D87, PE012D88, PE012D89, PE012D90, PE012D91, PE012D92, PE012D93, PE012D94, PE012D95, PE012D96, PE012D97, PE012D98, PE012D99, PE012LR23, PE012LR2A3, PE012NBA, PE012NBB, PE012NBC, PE012NBD, PE012NBE, PE012NBF, PE012SLBT, PE012ST1A, PE012ST2A, PE012ST3A, PE012ST4A, PE012ST6A, PE012ST7A, PE012STA, PE012STB, PE012STC, PE012STD, PE012STE, PE012STF, PE013BH221, PE013BH336, PE013CS1, PE013CS2, PE013CS3, PE013D105H, PE013D106H, PE013D107H, PE013D300, PE013D301, PE013D302, PE013D303, PE013D310, PE013D311, PE013D312, PE013D313, PE013D320, PE013D321, PE013D322, PE013D323, PE013D340, PE013D341, PE013D342, PE013D343, PE013D345, PE013D346, PE013D390, PE013D391, PE013D392, PE013D393, PE013D394, PE013D395, PE013D396, PE013D397, PE013LR26, PE013LR2A6, PE013NBG, PE013NBH, PE013STG, PE013STH, PE025BD10, PE025BD11, PE025BD3			
PE012C1CE	SRIC Engines	N/A	63ZZZZ-001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PE012C2AE	SRIC Engines	N/A	63ZZZZ-001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PE012C2BE	SRIC Engines	N/A	63ZZZZ-001	40 CFR Part 63, Subpart	No changing

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				ZZZZ	attributes.
PE012DD5	Emission Points/Stationary Vents/Process Vents	N/A	63FFFF-0003	40 CFR Part 63, Subpart FFFF	No changing attributes.
PE012FG1	Fugitive Emission Units	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
PE013C1DE	SRIC Engines	N/A	63ZZZZ-001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PE013C1EE	SRIC Engines	N/A	63ZZZZ-001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PE013C2CE	SRIC Engines	N/A	63ZZZZ-001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PE013C2DE	SRIC Engines	N/A	63ZZZZ-001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PE013C2EE	SRIC Engines	N/A	63ZZZZ-001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PE063CU1	Emission Points/Stationary Vents/Process Vents	N/A	R1111-0002	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PROEP1	Chemical Manufacturing Process	N/A	63FFFF-0001	40 CFR Part 63, Subpart FFFF	No changing attributes.
PROEP2	Chemical Manufacturing Process	N/A	63FFFF-0002	40 CFR Part 63, Subpart FFFF	No changing attributes.
PROEP7	Storage Tanks/Vessels	N/A	63HHHHH-0008	40 CFR Part 63, Subpart HHHHH	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PROPE1	Chemical Manufacturing Process	N/A	63FFFF-0003	40 CFR Part 63, Subpart FFFF	No changing attributes.
PROPEP	Storage Tanks/Vessels	N/A	63HHHHH-0009	40 CFR Part 63, Subpart HHHHH	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
DG-1	EU	60IIII-0001	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
DG-1	EU	60IIII-0001	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and less than 75 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later, must comply with an NMHC+NOx emission limit of 4.7 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
DG-1	EU	60IIII-0001	PM (OPACITY)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.4211(f) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).			
DG-1	EU	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and less than 75 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.40 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
DG-1	EU	63ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
EB025E108	EP	R1111-0002	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
EB025E108	EU	63FFFF-0006	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
EB025F160	EP	R1111-0002	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EB025T122	EP	R1111-0002	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
EB025T122	EU	63FFFF-0006	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
EB065G229	EP	R1111-002	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
EB065G229	EU	63FFFF-0006	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EB093FG1	EU	60HHHH H-0003	112(B) HAPS	40 CFR Part 63, Subpart HHHHH	§ 63.8015 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart HHHHH
EB093T705	EU	63HHHH H-0007	112(B) HAPS	40 CFR Part 63, Subpart HHHHH	§ 63.8005 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart HHHHH
EB093T719	EU	63HHHH H-0007	112(B) HAPS	40 CFR Part 63, Subpart HHHHH	§ 63.8005 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart HHHHH
EB093T808	EU	63HHHH H-0007	112(B) HAPS	40 CFR Part 63, Subpart HHHHH	§ 63.8005 The permit holder shall comply with the applicable limitation, standard and/or	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable monitoring and testing	The permit holder shall comply with the applicable recordkeeping requirements of 40	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					equipment specification requirements of 40 CFR Part 63, Subpart HHHHH		requirements of 40 CFR Part 63, Subpart HHHHH	CFR Part 63, Subpart HHHHH	HHHHH
EB093WW1	EU	63HHHH H-0004	112(B) HAPS	40 CFR Part 63, Subpart HHHHH	§ 63.8010 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart HHHHH
EBF025FG2	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF
GRPENGINES	EP	R1111-0001	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRPEPBINSA	EP	R1111-0001	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPEPBINSB	EP	R1111-0002	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRPPE1BIN2	EP	R1111-0001	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRPPE1BINS	EP	R1111-0001	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PE012C1CE	EU	63ZZZZ-001	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.6635(b) § 63.6640(b)		§ 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)
PE012C2AE	EU	63ZZZZ-001	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.6650(d) § 63.6650(f)
PE012C2BE	EU	63ZZZZ-001	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)
PE012DD5	EU	63FFFF-0003	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2505(a)(1) § 63.2505 § 63.2505(a)(1)(i) § 63.2505(a)(1)(i)(A) § 63.2505(a)(1)(i)(B) § 63.2505(a)(2)	You must route vent streams through a closed-vent system to a control device that reduces HAP emissions as specified in either §63.2505(a)(1)(i) or	§ 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2505(b)	§ 63.2505(b) § 63.983(b) [G]§ 63.983(d)(2) [G]§ 63.998(d)(1)	§ 63.2505(b) § 63.2505(b)(5) § 63.999(c)(2)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2505(b) § 63.2505(b)(1) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	(ii).	§ 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii)		
PE012FG1	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF
PE013C1DE	EU	63ZZZZ-001	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.6635(b) § 63.6640(b)		§ 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)
PE013C1EE	EU	63ZZZZ-001	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.6650(d) § 63.6650(f)
PE013C2CE	EU	63ZZZZ-001	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)
PE013C2DE	EU	63ZZZZ-001	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP,	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6630(a) § 63.6640(b)	located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)
PE013C2EE	EU	63ZZZZ-001	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)		Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)
PE063CU1	EP	R1111-0002	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PROEP1	PRO	63FFFF-0001	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(e) § 63.2525(e)(2) § 63.2525(e)(3) [G]§ 63.2525(e)(4) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii) § 63.2520(e)(5)(iv) § 63.2520(e)(6) § 63.2520(e)(7) § 63.2520(e)(9)
PROEP2	PRO	63FFFF-0002	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(e) § 63.2525(e)(2) § 63.2525(e)(3) [G]§ 63.2525(e)(4) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii) § 63.2520(e)(5)(iv) § 63.2520(e)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.2520(e)(7) § 63.2520(e)(9)
PROEP7	EU	63HHHH-0008	112(B) HAPS	40 CFR Part 63, Subpart HHHHH	§ 63.8005 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart HHHHH
PROPE1	PRO	63FFFF-0003	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l) § 63.2460(c)(1)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d) § 63.2460(c)(2)(v)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(e) § 63.2525(e)(2) § 63.2525(e)(3) [G]§ 63.2525(e)(4) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2460(c)(1) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.2520(e)(5)(iv) § 63.2520(e)(6) § 63.2520(e)(7) § 63.2520(e)(9)
PROPEP	EU	63HHHH-0009	112(B) HAPS	40 CFR Part 63, Subpart HHHHH	§ 63.8005 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart HHHHH	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart HHHHH

Additional Monitoring Requirements

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: EB025E108	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0002
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if visible emissions are observed unless Test Method 9 is conducted within 24 hours of observing visible emissions and the opacity does not exceed 20 %.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: EB025F160	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0002
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if visible emissions are observed unless Test Method 9 is conducted within 24 hours of observing visible emissions and the opacity does not exceed 20 %.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: EB025T122	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0002
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if visible emissions are observed unless Test Method 9 is conducted within 24 hours of observing visible emissions and the opacity does not exceed 20 %.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: EB065G229	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-002
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if visible emissions are observed unless Test Method 9 is conducted within 24 hours of observing visible emissions and the opacity does not exceed 20 %.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPENGINES	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0001
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if visible emissions are observed unless Test Method 9 is conducted within 24 hours of observing visible emissions and the opacity does not exceed 30 %.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPEPBINSA	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0001
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if visible emissions are observed unless Test Method 9 is conducted within 24 hours of observing visible emissions and the opacity does not exceed 30 %.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPEPBINSB	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0002
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if visible emissions are observed unless Test Method 9 is conducted within 24 hours of observing visible emissions and the opacity does not exceed 20 %.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPPE1BIN2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0001
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: It is a deviation if visible emissions are observed unless Test Method 9 is conducted within 24 hours of observing visible emissions and the opacity does not exceed 30 %.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPPE1BINS	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0001
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if visible emissions are observed unless Test Method 9 is conducted within 24 hours of observing visible emissions and the opacity does not exceed 30 %.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PE063CU1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0002
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if visible emissions are observed unless Test Method 9 is conducted within 24 hours of observing visible emissions and the opacity does not exceed 20 %.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Permit Shield

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
EB025FG1	N/A	40 CFR Part 60, Subpart DDD	Not constructed, modified, or reconstructed after 09/30/87
EB025FG1	N/A	40 CFR Part 60, Subpart VV	Process unit does not produce a chemical listed on 60.489
EB025FG1	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service
EB025FG1	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in VHAP service
EB025FG1	N/A	40 CFR Part 63, Subpart H	Not part of an affected CMPU
EB025R10	N/A	40 CFR Part 60, Subpart III	Does not produce any of the chemicals listed in 60.617
EB025R10	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
EB025R10	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025R101	N/A	40 CFR Part 60, Subpart III	Does not produce any of the chemicals listed in 60.617
EB025R101	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
EB025R101	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025R4	N/A	40 CFR Part 60, Subpart III	Does not produce any of the chemicals listed in 60.617
EB025R4	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
EB025R4	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025R5	N/A	40 CFR Part 60, Subpart III	Does not produce any of the chemicals listed in 60.617
EB025R5	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
EB025R5	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025R9	N/A	40 CFR Part 60, Subpart III	Does not produce any of the chemicals listed in 60.617

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
EB025R9	N/A	40 CFR Part 60, Subpart RRR	Does not produce any of the chemicals listed in 60.707
EB025R9	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025R9A	N/A	40 CFR Part 60, Subpart III	Does not product any of the chemicals listed in 60.617
EB025R9A	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
EB025R9A	N/A	40 CFR Part 63, Subpart G	Not part an affected CMPU
EB025T111	N/A	40 CFR Part 60, Subpart K	This vessel is not used for the storage of petroleum liquids.
EB025T111	N/A	40 CFR Part 60, Subpart Ka	This vessel is not used for the storage of petroleum liquids.
EB025T111	N/A	40 CFR Part 60, Subpart Kb	The maximum true vapor pressure of this vessel is less than 3.5 KPa.
EB025T111	N/A	40 CFR Part 61, Subpart Y	This unit does not store refined or industrial grade benzene.
EB025T111	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025T112	N/A	40 CFR Part 60, Subpart K	This vessel is not used for the storage of petroleum liquids.
EB025T112	N/A	40 CFR Part 60, Subpart Ka	This vessel is not used for the storage of petroleum liquids.
EB025T112	N/A	40 CFR Part 60, Subpart Kb	The maximum true vapor pressure of this vessel is less than 3.5 KPa.
EB025T112	N/A	40 CFR Part 61, Subpart Y	This unit does not store refined or industrial grade benzene.
EB025T112	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025T113	N/A	40 CFR Part 60, Subpart K	This vessel is not used for the storage of petroleum liquids.
EB025T113	N/A	40 CFR Part 60, Subpart Ka	This vessel is not used for the storage of petroleum liquids.
EB025T113	N/A	40 CFR Part 60, Subpart Kb	The maximum true vapor pressure of this vessel is less than 3.5 KPa.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
EB025T113	N/A	40 CFR Part 61, Subpart Y	This unit does not store refined or industrial grade benzene.
EB025T113	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025T114	N/A	40 CFR Part 60, Subpart K	This vessel is not used for the storage of petroleum liquids.
EB025T114	N/A	40 CFR Part 60, Subpart Ka	This vessel is not used for the storage of petroleum liquids.
EB025T114	N/A	40 CFR Part 60, Subpart Kb	The maximum true vapor pressure of this vessel is less than 3.5 KPa.
EB025T114	N/A	40 CFR Part 61, Subpart Y	This unit does not store refined or industrial grade benzene.
EB025T114	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025T115	N/A	40 CFR Part 60, Subpart K	This vessel is not used for the storage of petroleum liquids.
EB025T115	N/A	40 CFR Part 60, Subpart Ka	This vessel is not used for the storage of petroleum liquids.
EB025T115	N/A	40 CFR Part 60, Subpart Kb	The maximum true vapor pressure of this vessel is less than 3.5 KPa.
EB025T115	N/A	40 CFR Part 61, Subpart Y	This unit does not store refined or industrial grade benzene.
EB025T115	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025T170	N/A	40 CFR Part 60, Subpart K	The capacity of this vessel is less than 40,000 gallons.
EB025T170	N/A	40 CFR Part 60, Subpart Ka	The capacity of this vessel is less than 40,000 gallons.
EB025T170	N/A	40 CFR Part 60, Subpart Kb	The capacity of this vessel is less than 19,800 gallons.
EB025T170	N/A	40 CFR Part 61, Subpart Y	This unit does not store refined or industrial grade benzene.
EB025T170	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB025WW62	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
EB065T73	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
EB065T73	N/A	40 CFR Part 60, Subpart Ka	Does not store a petroleum liquid
EB065T73	N/A	40 CFR Part 60, Subpart Kb	Not constructed, modified, or reconstructed after 7/23/84
EB065T73	N/A	40 CFR Part 61, Subpart Y	This unit does not store refined or industrial grade benzene.
EB065T73	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB065T74	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
EB065T74	N/A	40 CFR Part 60, Subpart Ka	Does not store a petroleum liquid
EB065T74	N/A	40 CFR Part 60, Subpart Kb	Not constructed, modified, or reconstructed after 7/23/84
EB065T74	N/A	40 CFR Part 61, Subpart Y	This unit does not store refined or industrial grade benzene.
EB065T74	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB065T75	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
EB065T75	N/A	40 CFR Part 60, Subpart Ka	Does not store a petroleum liquid
EB065T75	N/A	40 CFR Part 60, Subpart Kb	Not constructed, modified, or reconstructed after 7/23/84
EB065T75	N/A	40 CFR Part 61, Subpart Y	This unit does not store refined or industrial grade benzene.
EB065T75	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB093FG1	N/A	40 CFR Part 60, Subpart DDD	Not constructed, modified, or reconstructed after 09/30/1987.
EB093FG1	N/A	40 CFR Part 60, Subpart VV	Process unit does not produce a chemical listed on 60.489
EB093FG1	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
EB093FG1	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in VHAP service
EB093FG1	N/A	40 CFR Part 63, Subpart H	Not part of an affected CMPU
EB093R702	N/A	40 CFR Part 60, Subpart III	Does not produce any of the chemicals listed in 60.617
EB093R702	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
EB093R702	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
EB093WW1	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EBF025FG2	N/A	40 CFR Part 60, Subpart DDD	Not constructed, modified, or reconstructed after 09/30/87
EBF025FG2	N/A	40 CFR Part 63, Subpart H	Not part of an affected CMPU
EBF025FG2	N/A	40 CFR Part 60, Subpart VV	Process unit does not produce a chemical listed on 60.489
EBF025FG2	N/A	40 CFR Part 61, Subpart J	Facility does not have source in benzene service
EBF025FG2	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in VHAP service
PE012FG1	N/A	40 CFR Part 60, Subpart DDD	Not constructed, modified, or reconstructed after 09/30/87
PE012FG1	N/A	40 CFR Part 60, Subpart VV	Not an affected facility in the SOCMI per 60.489 list
PE012FG1	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service
PE012FG1	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in VHAP service subject to Part 61
PE012FG1	N/A	40 CFR Part 63, Subpart H	Not part of a HON CMPU
PE012R1D	N/A	40 CFR Part 60, Subpart III	Not an air oxidation reactor
PE012R1D	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
PE012R1D	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE012R1E	N/A	40 CFR Part 60, Subpart III	Not an air oxidation reactor
PE012R1E	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
PE012R1E	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE012R1F	N/A	40 CFR Part 60, Subpart III	Not an air oxidation reactor
PE012R1F	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
PE012R1F	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE012R2A	N/A	40 CFR Part 60, Subpart III	Not an air oxidation reactor
PE012R2A	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
PE012R2A	N/A	40 CFR Part 63, Subpart G	Not part of an HON CMPU
PE012R2B	N/A	40 CFR Part 60, Subpart III	Not an air oxidation reactor
PE012R2B	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
PE012R2B	N/A	40 CFR Part 63, Subpart G	Not part of an HON CMPU
PE012R2C	N/A	40 CFR Part 60, Subpart III	Not an air oxidation reactor
PE012R2C	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
PE012R2C	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE012WW1	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
PE013FG1	N/A	40 CFR Part 60, Subpart DDD	Not constructed, modified, or reconstructed after 09/30/87

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
PE013FG1	N/A	40 CFR Part 60, Subpart VV	Not an affected facility in the SOCMI per 60.489 list
PE013FG1	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service
PE013FG1	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in VHAP service subject to Part 61
PE013FG1	N/A	40 CFR Part 63, Subpart H	Not part of an affected CMPU
PE013R1G	N/A	40 CFR Part 60, Subpart III	Not an air oxidation reactor
PE013R1G	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
PE013R1G	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE013R2H	N/A	40 CFR Part 60, Subpart III	Not an air oxidation reactor
PE013R2H	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce a chemical listed on 60.707
PE013R2H	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE021T133	N/A	40 CFR Part 60, Subpart K	Not constructed, modified, or reconstructed after 6/11/73
PE021T133	N/A	40 CFR Part 60, Subpart Ka	Not constructed, modified, or reconstructed after 5/18/78
PE021T133	N/A	40 CFR Part 60, Subpart Kb	Not constructed, modified, or reconstructed after 7/23/84
PE021T133	N/A	40 CFR Part 61, Subpart Y	Does not store refined or industrial grade benzene
PE021T133	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE021T140	N/A	40 CFR Part 60, Subpart K	Capacity less than 40,000-gallons
PE021T140	N/A	40 CFR Part 60, Subpart Ka	Capacity less than 40,000-gallons
PE021T140	N/A	40 CFR Part 60, Subpart Kb	Not constructed, modified, or reconstructed after 7/23/84

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
PE021T140	N/A	40 CFR Part 61, Subpart Y	Does not store refined or industrial grade benzene
PE021T140	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE054T1A	N/A	40 CFR Part 60, Subpart K	Capacity less than 40,000-gallons
PE054T1A	N/A	40 CFR Part 60, Subpart Ka	Capacity less than 40,000-gallons
PE054T1A	N/A	40 CFR Part 60, Subpart Kb	Not constructed, modified, or reconstructed after 7/23/84
PE054T1A	N/A	40 CFR Part 61, Subpart Y	Does not store refined or industrial grade benzene
PE054T1A	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE054T1C	N/A	40 CFR Part 60, Subpart K	Capacity less than 40,000-gallons
PE054T1C	N/A	40 CFR Part 60, Subpart Ka	Capacity less than 40,000-gallons
PE054T1C	N/A	40 CFR Part 60, Subpart Kb	Not constructed, modified, or reconstructed after 7/23/84
PE054T1C	N/A	40 CFR Part 61, Subpart Y	Does not store refined or industrial grade benzene
PE054T1C	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE063LT1	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	The VOC transfer operations are not located within the affected areas listed in 115.212(a), and the VOC (non-gasoline) transfer operations are not located within the counties listed in 115.212(b)(1).
PE063LT1	N/A	40 CFR Part 61, Subpart BB	The loading operations are not located at a benzene production facility or bulk terminal.
PE063LT1	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
PE063T142B	N/A	40 CFR Part 60, Subpart K	The capacity of the storage vessel is less than 40,000 gallons.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
PE063T142B	N/A	40 CFR Part 60, Subpart Ka	The capacity of the storage vessel is less than 40,000 gallons.
PE063T142B	N/A	40 CFR Part 60, Subpart Kb	The capacity of the storage vessel is less than 19,800 gallons.
PE063T142B	N/A	40 CFR Part 61, Subpart FF	This facility is not used for the treatment, storage or disposal of hazardous waste.
PE063T142B	N/A	40 CFR Part 61, Subpart Y	Does not store refined or industrial grade benzene
PE063T142B	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE066LT1	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	The VOC transfer operations are not located within the affected areas listed in 115.212(a), and the VOC (non-gasoline) transfer operations are not located within the counties listed in 115.212(b)(1).
PE066LT1	N/A	40 CFR Part 61, Subpart BB	Does not load benzene containing liquids
PE066LT1	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU
PE066T202	N/A	40 CFR Part 60, Subpart K	The capacity of the storage vessel is less than 40,000 gallons.
PE066T202	N/A	40 CFR Part 60, Subpart Ka	The capacity of the storage vessel is less than 40,000 gallons.
PE066T202	N/A	40 CFR Part 60, Subpart Kb	The capacity of the storage vessel is less than 19,800 gallons.
PE066T202	N/A	40 CFR Part 61, Subpart Y	Does not stored refined benzene
PE066T202	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PE066TCDB	N/A	40 CFR Part 60, Subpart K	Capacity less than 40,000-gallons
PE066TCDB	N/A	40 CFR Part 60, Subpart Ka	Capacity less than 40,000-gallons
PE066TCDB	N/A	40 CFR Part 60, Subpart Kb	Not constructed, modified, or reconstructed after 7/23/84

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
PE066TCDB	N/A	40 CFR Part 61, Subpart Y	Does not store refined or industrial grade benzene
PE066TCDB	N/A	40 CFR Part 63, Subpart G	Not part of a HON CMPU
PROEP1	N/A	40 CFR Part 60, Subpart DDD	Not constructed, modified, or reconstructed after 9/30/87.
PROEP1	N/A	40 CFR Part 63, Subpart F	Not part of an affected CMPU
PROEP1	N/A	40 CFR Part 63, Subpart HHHHH	Does not manufacture coatings as defined in 63.8105.
PROEP2	N/A	40 CFR Part 60, Subpart DDD	Not constructed, modified, or reconstructed after 9/30/87
PROEP2	N/A	40 CFR Part 63, Subpart F	Not part of an affected CMPU
PROEP2	N/A	40 CFR Part 63, Subpart HHHHH	Does not manufacture coatings as defined in 63.8105.
PROEP7	N/A	40 CFR Part 60, Subpart DDD	Not constructed, modified, or reconstructed after 9/30/87.
PROEP7	N/A	40 CFR Part 63, Subpart F	Not part of an affected CMPU
PROEP7	N/A	40 CFR Part 63, Subpart FFFF	The MCPU is an affected source under another subpart of this part 63 (Subpart HHHHH).
PROPE1	N/A	40 CFR Part 60, Subpart DDD	Not constructed, modified, or reconstructed after 09/30/87
PROPE1	N/A	40 CFR Part 63, Subpart F	Not an affected CMPU
PROPE1	N/A	40 CFR Part 63, Subpart HHHHH	Does not manufacture coatings as defined in 63.8105.
PROPEP	N/A	40 CFR Part 60, Subpart DDD	Not constructed, modified, or reconstructed after 09/30/87
PROPEP	N/A	40 CFR Part 63, Subpart F	Not an affected Chemical Manufacturing Process Unit
PROPEP	N/A	40 CFR Part 63, Subpart FFFF	The MCPU is an affected source under another subpart of this part 63 (Subpart HHHHH).

New Source Review Authorization References

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 18104	Issuance Date: 10/13/2015
Authorization No.: 47007	Issuance Date: 10/13/2015
Authorization No.: 48592	Issuance Date: 01/27/2016
Authorization No.: 6509	Issuance Date: 02/03/2016
Authorization No.: 7695	Issuance Date: 10/21/2016
Authorization No.: 83756	Issuance Date: 10/13/2015
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.103	Version No./Date: 09/04/2000
Number: 106.121	Version No./Date: 09/04/2000
Number: 106.122	Version No./Date: 03/14/1997
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.221	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 03/14/1997
Number: 106.261	Version No./Date: 12/24/1998
Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 03/14/1997
Number: 106.262	Version No./Date: 12/24/1998
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.355	Version No./Date: 11/01/2001
Number: 106.373	Version No./Date: 09/04/2000

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Number: 106.393	Version No./Date: 09/04/2000
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.453	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.475	Version No./Date: 03/14/1997
Number: 106.475	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 03/14/1997
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 6	Version No./Date: 09/17/1973
Number: 7	Version No./Date: 05/08/1972
Number: 10	Version No./Date: 11/05/1986
Number: 51	Version No./Date: 08/30/1988
Number: 51	Version No./Date: 09/13/1993
Number: 51	Version No./Date: 06/07/1996
Number: 53	Version No./Date: 07/20/1992
Number: 58	Version No./Date: 04/04/1975
Number: 86	Version No./Date: 09/12/1989
Number: 103	Version No./Date: 09/12/1989
Number: 106	Version No./Date: 11/05/1986
Number: 106	Version No./Date: 09/12/1989
Number: 118	Version No./Date: 09/12/1989
Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.: 7695	

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
DG-1	BLDG 50-21 EMERGENCY GENERATOR	106.511/09/04/2000
EB025D103S	LOADING VENT	18104
EB025D103	STORAGE BIN VENT	18104
EB025D104	STORAGE BIN VENT	18104
EB025D10	STORAGE BIN VENT	48592
EB025D13	STORAGE BIN VENT	18104
EB025D14	STORAGE BIN VENT	18104
EB025D15	STORAGE BIN VENT	48592
EB025D16	STORAGE BIN VENT	18104
EB025D1	STORAGE BIN VENT	18104
EB025D21	STORAGE BIN VENT	18104
EB025D22	STORAGE BIN VENT	18104
EB025D23	STORAGE BIN VENT	18104
EB025D24	STORAGE BIN VENT	18104
EB025D25	STORAGE BIN VENT	18104
EB025D2	STORAGE BIN VENT	18104
EB025D30	STORAGE BIN VENT	18104
EB025D31	STORAGE BIN VENT	18104
EB025D32	STORAGE BIN VENT	18104

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
EB025D33	STORAGE BIN VENT	18104
EB025D34	STORAGE BIN VENT	18104
EB025D35	STORAGE BIN VENT	18104
EB025D3	STORAGE BIN VENT	18104
EB025D40	STORAGE BIN VENT	48592
EB025D4	STORAGE BIN VENT	18104
EB025D5	STORAGE BIN VENT	18104
EB025D6	STORAGE BIN VENT	18104
EB025D7	STORAGE BIN VENT	18104
EB025D803B	BIN VENT	48592
EB025D803	BIN VENT	48592
EB025D8	STORAGE BIN VENT	48592
EB025E108	PROCESS VENT	18104
EB025F113	BAG FILTER VENT	18104
EB025F160	E-TYPE BIN SYSTEM FILTER BAGHOUSE	18104
EB025FG1	FUGITIVES	18104, 106.261/11/01/2003, 106.262/11/01/2003
EB025MU10	BIN VENT	48592
EB025R101	REACTOR	18104
EB025R10	REACTOR	48592

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
EB025R4	REACTOR	18104
EB025R5	REACTOR	18104
EB025R9A	REACTOR	48592
EB025R9	REACTOR	48592
EB025RS19	BIN VENT	48592
EB025RS23	BIN VENT	48592
EB025T111	TANK	18104
EB025T112	TANK	18104
EB025T113	TANK	18104
EB025T114	TANK	18104
EB025T115	TANK	18104
EB025T122	PROCESS VENT	18104
EB025T170	TANK	48592
EB025WW62	WASTEWATER	48592
EB065BER	BERINGER JET CLEANER VENT	18104
EB065D801	BIN VENT	48592
EB065D802	BIN VENT	48592
EB065FG5	MATERIAL HANDLING	48592
EB065G229	PROCESS VENT	48592

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
EB065GRAN	VENT	18104
EB065LR1	LOADING VENT	18104
EB065RS18	BIN VENT	48592
EB065T73	TANK	6509, 106.475/09/04/2000
EB065T74	TANK	6509, 106.475/09/04/2000
EB065T75	TANK	6509, 106.475/09/04/2000
EB093F710	BAGHOUSE	6509
EB093FG1	FUGITIVES	6509, 106.261/11/01/2003, 106.262/11/01/2003
EB093FG6	FUGITIVES	6509
EB093FG7	FUGITIVES	6509
EB093H701	BIN VENT	6509
EB093LT1	TRUCK LOADING	6509
EB093R702	REACTOR	6509
EB093RS702	RECEIVER	6509
EB093T705	PROCESS VESSEL	6509
EB093T719	MELT TANK	6509
EB093T808	MELT TANK	6509
EB093WW1	WASTEWATER STREAM	106.261/11/01/2003, 106.262/11/01/2003
EBF025FG2	EQUIPMENT LEAKS	48592

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE012BH233	VENT	7695
PE012BH337	VENT	7695
PE012C1CE	ENGINE	47007
PE012C2AE	ENGINE	7695
PE012C2BE	ENGINE	47007
PE012CV1	VENT	7695
PE012D100	BIN VENT	7695
PE012D101	BIN VENT	7695
PE012D102	BIN VENT	7695
PE012D103	BIN VENT	7695
PE012D104	BIN VENT	7695
PE012D105	BIN VENT	7695
PE012D350	BIN VENT	7695
PE012D351	BIN VENT	7695
PE012D352	BIN VENT	7695
PE012D353	BIN VENT	7695
PE012D360	BIN VENT	7695
PE012D361	BIN VENT	7695
PE012D362	BIN VENT	7695

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE012D370	BIN VENT	7695
PE012D371	BIN VENT	7695
PE012D380	BIN VENT	7695
PE012D381	BIN VENT	7695
PE012D382	BIN VENT	7695
PE012D383	BIN VENT	7695
PE012D384	BIN VENT	7695
PE012D385	BIN VENT	7695
PE012D66	BIN VENT	7695
PE012D67	BIN VENT	7695
PE012D68	BIN VENT	7695
PE012D69	BIN VENT	7695
PE012D70	BIN VENT	7695
PE012D71	BIN VENT	7695
PE012D73	BIN VENT	7695
PE012D74	BIN VENT	7695
PE012D75	BIN VENT	7695
PE012D76	BIN VENT	7695
PE012D77	BIN VENT	7695

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE012D78	BIN VENT	7695
PE012D79	BIN VENT	7695
PE012D80	BIN VENT	7695
PE012D81	BIN VENT	7695
PE012D82	BIN VENT	7695
PE012D83	BIN VENT	7695
PE012D84	BIN VENT	7695
PE012D85	BIN VENT	7695
PE012D86	BIN VENT	7695
PE012D87	BIN VENT	7695
PE012D88	BIN VENT	7695
PE012D89	BIN VENT	7695
PE012D90	BIN VENT	7695
PE012D91	BIN VENT	7695
PE012D92	BIN VENT	7695
PE012D93	BIN VENT	7695
PE012D94	BIN VENT	7695
PE012D95	BIN VENT	7695
PE012D96	BIN VENT	7695

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE012D97	BIN VENT	7695
PE012D98	BIN VENT	7695
PE012D99	BIN VENT	7695
PE012DD5	PROCESS VENT	7695
PE012FG1	FUGITIVE EMISSIONS	7695
PE012LR23	RAILCAR VENT	7695
PE012LR2A3	RAILCAR VENT	7695
PE012NBA	BIN VENT	7695
PE012NBB	BIN VENT	7695
PE012NBC	BIN VENT	7695
PE012NBD	BIN VENT	7695
PE012NBE	BIN VENT	7695
PE012NBF	BIN VENT	7695
PE012R1D	REACTOR	7695
PE012R1E	REACTOR	7695
PE012R1F	REACTOR	47007
PE012R2A	REACTOR	47007
PE012R2B	REACTOR	47007
PE012R2C	REACTOR	7695

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE012SLBT	LOADING VENT	7695
PE012ST1A	TABLE VENT	7695
PE012ST2A	TABLE VENT	7695
PE012ST3A	TABLE VENT	7695
PE012ST4A	TABLE VENT	7695
PE012ST6A	TABLE VENT	7695
PE012ST7A	TABLE VENT	7695
PE012STA	VENT	7695
PE012STB	VENT	7695
PE012STC	VENT	7695
PE012STD	VENT	7695
PE012STE	VENT	7695
PE012STF	VENT	7695
PE012WW1	WASTEWATER	47007
PE013BH221	VENT	7695
PE013BH336	VENT	7695
PE013C1DE	ENGINE	7695
PE013C1EE	ENGINE	7695
PE013C1FE	ENGINE	7695

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE013C1GE	ENGINE	7695
PE013C2CE	ENGINE	7695
PE013C2DE	ENGINE	7695
PE013C2EE	ENGINE	7695
PE013C7AE	ENGINE	7695
PE013C7BE	ENGINE	7695
PE013CS1	VENT	7695
PE013CS2	VENT	7695
PE013CS3	VENT	7695
PE013D105H	BIN VENT	7695
PE013D106H	BIN VENT	7695
PE013D107H	BIN VENT	7695
PE013D300	BIN VENT	7695
PE013D301	BIN VENT	7695
PE013D302	BIN VENT	7695
PE013D303	BIN VENT	7695
PE013D310	BIN VENT	7695
PE013D311	BIN VENT	7695
PE013D312	BIN VENT	7695

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE013D313	BIN VENT	7695
PE013D320	BIN VENT	7695
PE013D321	BIN VENT	7695
PE013D322	BIN VENT	7695
PE013D323	BIN VENT	7695
PE013D340	BIN VENT	7695
PE013D341	BIN VENT	7695
PE013D342	BIN VENT	7695
PE013D343	BIN VENT	7695
PE013D345	BIN VENT	7695
PE013D346	BIN VENT	7695
PE013D390	BIN VENT	7695
PE013D391	BIN VENT	7695
PE013D392	BIN VENT	7695
PE013D393	BIN VENT	7695
PE013D394	BIN VENT	7695
PE013D395	BIN VENT	7695
PE013D396	BIN VENT	7695
PE013D397	BIN VENT	7695

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE013FG1	FUGITIVES EMISSIONS	7695, 106.261/09/04/2000, 106.262/09/04/2000
PE013LR26	LOADING VENT	7695
PE013LR2A6	LOADING VENT	7695
PE013NBG	BIN VENT	7695
PE013NBH	BIN VENT	7695
PE013R1G	REACTOR	47007
PE013R2H	REACTOR	7695
PE013STG	VENT	7695
PE013STH	VENT	7695
PE021T133	TANK	106.472/09/04/2000
PE021T140	TANK	47007, 106.261/11/01/2003
PE025BD10	BIN VENT	7695
PE025BD11	BIN VENT	7695
PE025BD13	BIN VENT	7695
PE025BD14	BIN VENT	7695
PE025BD22	BIN VENT	7695
PE025BD23	BIN VENT	7695
PE025BD24	BIN VENT	7695
PE025BD25	BIN VENT	7695

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE025BD29	BIN VENT	7695
PE025BD3	BIN VENT	7695
PE025BD30	BIN VENT	7695
PE025BD31	BIN VENT	7695
PE025BD32	BIN VENT	7695
PE025BD33	BIN VENT	7695
PE025BD34	BIN VENT	7695
PE025BD35	BIN VENT	7695
PE025BD4	BIN VENT	7695
PE025BD5	BIN VENT	7695
PE025BD6	BIN VENT	7695
PE025BD7	BIN VENT	7695
PE025BD8	BIN VENT	7695
PE025BD9	BIN VENT	7695
PE025LR2B2	LOADING VENT	7695
PE025ST13A	TABLE VENT	7695
PE054T1A	TANK	106.476/09/04/2000
PE054T1C	TANK	106.476/09/04/2000
PE063C5AE	ENGINE	7695

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE063C5BE	ENGINE	7695
PE063CU1	CAT-OX VENT	7695
PE063LT1	LOADING	47007, 106.473/09/04/2000
PE063T142B	TANK	51/09/13/1993, 106.473/09/04/2000
PE065BH228	VENT	7695
PE065D600	BIN VENT	7695
PE065D601	BIN VENT	7695
PE065D602	BIN VENT	7695
PE065D603	BIN VENT	7695
PE065D604	BIN VENT	7695
PE065D605	BIN VENT	7695
PE065D606	BIN VENT	7695
PE065D607	BIN VENT	7695
PE065D608	BIN VENT	7695
PE065D609	BIN VENT	7695
PE065D610	BIN VENT	7695
PE065D611	BIN VENT	7695
PE065D612	BIN VENT	7695
PE065D613	BIN VENT	7695

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE065D614	BIN VENT	7695
PE065D615	BIN VENT	7695
PE065D616	BIN VENT	7695
PE065D617	BIN VENT	7695
PE065D618	BIN VENT	7695
PE065D630	BIN VENT	7695
PE065D631	BIN VENT	7695
PE065D632	BIN VENT	7695
PE065LR2C1	LOADING VENT	7695
PE065LR302	LOADING VENT	7695
PE065LR3D2	LOADING VENT	7695
PE066LT1	LOADING	106/09/12/1989
PE066T202	TANK	106/09/12/1989, 118/09/12/1989, 86/09/12/1989
PE066TCDB	TANK	47007
PROEP1	EPOLENE PLANT 1	18104
PROEP2	EPOLENE PLANT PROCESS	48592
PROEP7	EPOLENE PLANT 7 PROCESS	6509, 106.261/09/04/2000, 106.262/09/04/2000
PROPE1	POLYMER MANUFACTURING	47007, 7695, 106.261/11/01/2003, 106.262/11/01/2003

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PROPEP	POLYMER PROCESSING	7695

Appendix A

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
H_2S ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO_x ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
SO_2 ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound